

REMARKS

The restriction/election of species requirement mailed October 18, 2004, has been reviewed and carefully considered. In response to the restriction requirement, applicants elect claims 1-28 (Group I) for further prosecution, but with traverse for the reason stated below.

The examiner contends that “the apparatus can be used to practice another different process which supplies a liquid into the reaction space” in support of the restriction requirement. However, there is no indication from the claim language that the apparatus of independent claims 29 and 38 could be used with a liquid in the reaction space. For example, the preamble of claim 29 recites an “[a]pparatus for conducting a chemical reaction which has a gas phase reactant component and a gas phase product component” (emphasis added). The preamble of claim 38 includes similar language. Line 6 of claim 29 states “a rotary module for pressure swing adsorption separation of a gas mixture” (emphasis added). Accordingly, the restriction requirement should be reconsidered and withdrawn.

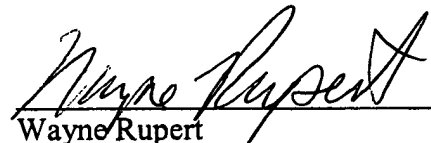
Applicants elect species a-2 and b-4 in response to the election of species requirement. Contrary to the examiner’s assertion, process claim 1 and apparatus claims 29 and 38 are generic since they read upon all of the species identified by the examiner. Process claims 1-3, 12, and 16-28 read upon the elected species. Apparatus claims 29, 31, 32, 33, and 36-66 read upon the elected species.

Applicants look forward to receiving an action on the merits. Should there be any questions regarding this application, Examiner Doroshenk is invited to contact the undersigned at the telephone number shown below.

Respectfully submitted,

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